

02-13-06
AP3 Rec'd PCT/PTO 10 FEB 2006
1651
PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/553,896 Confirmation No.: 9920
Applicant : Albersheim et al.
Filed : October 21, 2005
Int. App. No. : PCT/US2004/011797
Int. Filing Date : April 16, 2004
Art Unit : 1651
Examiner :
For : XYLOGLUCAN CONJUGATES USEFUL FOR MODIFYING
CELLULOSIC TEXTILES
Docket No. : 102-02
Customer No. : 23713

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

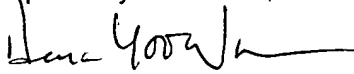
Sir:

The Examiner is respectfully requested to consider the references, copies enclosed, which may qualify as prior art. For the Examiner's convenience, the references are listed on the attached Patent and Trademark Office form PTO-1449.

This information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement. However, no representation is made that the listed art actually qualifies as prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that applicants know of the best art.

It is believed that this submission does not require the payment of a fee. If this is not correct, please charge any required fee to deposit account no. 07-1969.

Respectfully submitted,


Heeja Yoo-Warren
Reg. No. 45,495

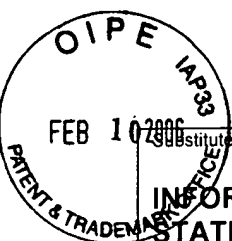
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Attorney Docket No.: 102-02
bmk: February 10, 2006

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as EXPRESS MAIL in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10 February 2006 B. Kroge
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Institute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/553,896
Filing Date	10/21/2005
First Named Inventor	Albersheim et al.
Art Unit	1651
Examiner Name	Not assigned
Attorney Docket Number	102-02

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
	1	4,324,554	04/13/1982	Racciato	
	2	6,225,462	05/01/2001	Berry et al.	
	3	6,331,607	12/18/2001	Bohlander et al.	
	4	2002/0143160	10/30/2002	Sunamoto et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T ²
	5	366265	02/15/63	CIBA Ltd.		x
	6	EP 0930334	07/21/1999	Quest international B.V.		
	7	WO 03/033825	04/24/2003	Swetreegenomics AB		

NON-PATENT LITERATURE DOCUMENTS

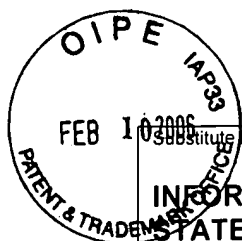
Examiner Initial*	Cite No. ¹	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	8	Cosgrove, D.J. (1999) "Enzymes and Other Agents That Enhance Cell Wall Extensibility," <i>Ann. Rev. Physiol. Plant Mol. Biol.</i> 50:391-417	
	9	El Rassi et al. (1991) "High-Performance Reversed-Phase Chromatographic Mapping of 2-Pyridylamino Derivatives of Xyloglucan Oligosaccharides," <i>Carbohydrate Res.</i> 215:25-38	
	10	Honda et al. (1989) "High-Performance Liquid Chromatography of Reducing Carbohydrates as Strongly Ultraviolet-Absorbing and Electrochemically Sensitive 1-Phenyl-3-Methyl-5-Pyrazolone Derivatives," <i>Anal. Biochem.</i> 180:351-357	
	11	Kooiman, P. (1961) "The Constitution of <i>Tamarindus</i> -Amyloid," <i>Res. Trav. Chim.</i> 80:849-865	
	12	Lee et al. (1991) "A New Method for Sequencing Linear Oligosaccharides on Gels Using Charged, Fluorescent Conjugates," <i>Carbohydrate Res.</i> 214:155-168	
	13	Nishitani et al. (1992) "A Novel Method for Detection of Endo-Xyloglucan Transferase," <i>Plant. Cell Physiol.</i> 33(8):1159-1164	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here or "x" if English language Translation is attached.



Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

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Art Unit	1651
Examiner Name	Not assigned
Attorney Docket Number	102-02

Examiner Initial*	Cite No. ¹	REFERENCE		T ²
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	14	Shankaracharya, N.B. (1998) "Tamarind – Chemistry, Technology and Uses – A Critical Appraisal," <i>J. Food. Sci. Technol.</i> 35(3):193-208		
	15	Shirakawa et al. (1998) "Tailoring of Xyloglucan Properties Using an Enzyme," <i>Food Hydrocolloids</i> 12:25-28		
	16	Valent et al. (1974) "The Structure of Plant Cell Walls," <i>Plant Physiol.</i> 54:105-108		
	17	Vincken et al. (1997) "Two General Branching Patterns of Xyloglucan, XXXG and XXGG," <i>Plant Physiol.</i> 114:9-13		
	18	Wagner et al. (1997) "Silicon-Modified Carbohydrate Surfactants III: Cationic and Anionic Compounds," <i>Appl. Organometallic Chem.</i> 11:523-538		
	19	York et al. (1993) "Structural Analysis of Tamarind Seed Xyloglucan Oligosaccharides Using β -Galactosidase Digestion and Spectroscopic Methods," <i>Carbohydrate Res.</i> 248:285-301		
	20	York et al. (1990) "Structural Analysis of Xyloglucan Oligosaccharides by ¹ H-n.m.r. Spectroscopy and Fast-Atom-Bombardment Mass Spectroscopy," <i>Carbohydrate Res.</i> 200:9-31		
	21	York et al. (2002) "The Xyloglucan-Cellulose Network of Plant Cell Walls: A Prototype for the Chemoenzymatic Preparation of Novel Polysaccharide Composites," <i>The Proceedings of the 4th Carbohydrate Bioengineering Meeting, October 13, 2001, Royal Institute of Technology, Stockholm, Sweden, Published by the Royal Society of Chemistry</i> :143-150		

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